

Application No. 10/043,944
Amendment dated January 6, 2005
Reply to Final Office Action of October 18, 2004

Docket No. 1232-4808

Amendments to the Claims:

Claims 1-6 are pending in this application. Claims 1 and 2 are amended. Claim 3 is cancelled without prejudice or disclaimer. New claims 37-40 are added. No new matter has been added by these amendments.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (Currently Amended): A projection type display apparatus comprising:

a display device;

an illuminating optical system which illuminates the display device with light from a light source, said illumination optical system having light amount adjusting means for adjusting, on the basis of an input signal to the display device, the amount of the light with which the display device is illuminated;

a projection optical system for projecting image light from the display device onto a surface to be projected,

wherein said light amount adjusting means has a variable stop comprising a plurality of displaceable light intercepting plates.

2 (Currently Amended): ~~An apparatus according to claim 1~~ A projection type display apparatus comprising:

a display device;

an illuminating optical system which illuminates the display device with light from a light source, said illumination optical system having light amount adjusting means for

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adjusting, on the basis of an input signal to the display device, the amount of the light with which the display device is illuminated;

a projection optical system for projecting image light from the display device onto a surface to be projected,

wherein said light amount adjusting means has a variable stop comprising a plurality of tiltable light intercepting plates ~~arranged in said cross-section.~~

3 (Cancelled):

4 (Original): An apparatus according to claim 1, wherein said light amount adjusting means has ND filter means variable in transmittance.

5 (Original): An apparatus according to claim 1, wherein said light amount adjusting means has a stop variable in aperture diameter.

6 (Previously Presented): An apparatus according to claim 1, wherein a write signal to said display device is modulated in synchronism with the adjustment of the amount of light by said light amount adjusting means so that dynamic range about luminance may change.

7-36 (Cancelled):

37 (New): A projection type display apparatus comprising:
a display device;
an illuminating optical system which illuminates the display device with light from a light source;

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a projection optical system for projecting image light from the display device onto
a surface to be projected; and

light amount adjusting means for adjusting the amount of the image light
projected to the surface based on an input signal to the display device,

wherein the light amount adjusting means has a variable stop including a plurality
of tiltable light intercepting plates.

38 (New): An apparatus according to claim 37, wherein the plurality of tiltable light
intercepting plates are substantially same in shape.

39 (New): A projection type display apparatus comprising:
a display device;
an illuminating optical system which illuminates the display device with light
from a light source;

a projection optical system for projecting image light from the display device onto
a surface to be projected; and

light amount adjusting means for adjusting the amount of the image light
projected to the surface based on an input signal to the display device,

wherein the light amount adjusting means has a variable stop including a plurality of
displaceable light intercepting plates.

40 (New): An apparatus according to claim 39, wherein the plurality of displaceable light
intercepting plates are substantially same in shape.